

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

Mail Stop Patent Application

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ☐ Design

☒ original patent application,

☐ continuation-in-part application

17858 U.S. PTO  
10/692374



102203

INVENTOR(S): **Deanna J. Bergstrom and Rio Rivas**

TITLE: **MANDREL FOR ELECTROFORMATION OF AN ORIFICE PLATE**

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ☐ unsigned or partially signed

☒ 3 sheets of drawings (one set) ☐ Associate Power of Attorney

☐ Form PTO-1449

☒ Information Disclosure Statement and Form PTO-1449

☐ Priority document(s) ☐ (Other) \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	42 — 20	22	X \$18	\$ 396
INDEPENDENT CLAIMS	7 — 3	4	X \$86	\$ 344
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 )				\$ 770
TOTAL FILING FEE				\$ 1,510
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 1,510

Charge \$ 1,510 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fee to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EV 325398357 US

Date of Deposit Oct. 22, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By Christie A. Doolittle

Typed Name: Christie A. Doolittle

Respectfully submitted,

**Deanna J. Bergstrom and Rio Rivas**

By Walt r W. Karnstein

**Walt r W. Karnstein**

Attorney/Agent for Applicant(s)

Reg. No. 35,565

Date: Oct. 22, 2003

Telephone No.: (503) 224-6655